CLINICAL ELECTROENCEPHALOGRAPHY



Author and Subject Index Volume 29, 1998

Index of Authors

Abe, Kazuo, 138 Aksu, Aziz, 43 Alioğlu, Zekeriya, 1:VI Arvanitis, S., 10 Belisle, Cynthia, 1 Bettoni, L., 142 Bortone, E., 142 Bunney, Jr., W.E., 73 Buzio, S., 142 Clarke, Simon, 37 Daaboul, Yaman, 109 Devaragudi, T. S., 197 Donati, Filippo, 177 Dosen, Ana, 37 Eura, Youichi, 96 Fino, John J., 109 Fitz-Gerald, M. J., 31 Frank, Yitzchak, 188 Gangadhar, B. N., 197 Giorgi, C., 142 Glanz, B. I., 128 Glass. I., 19 Gökçil, Zeki, 43 Golay, Sara J., 59 Gordon, Evian, 37 Graf, M., 132 Groswasser, Z., 19 Harada, Hirofumi, 96

Hashimoto, Takuma, 170 Hayakawa, Y., 194 Hughes, John R., 16, 106, 109, 183 Janakiramaiah, N., 197 Jiang, Zheng-Yan, 170 Jin, Y., 73 Kalyoncu, Nuri, 1:VI Kaplan, Peter W., 120 Kato, Toshihiko, 96 Keunen, R.W.M., 101 Khoshbin, S., 128 Klapper, Marietta H., 59 Koshino, Yoshifumi, 170 Kubota, Fumio, 91 Lazzaro, Ilario, 37 Li, Waiman, 37 Lischka, A., 132 Liu, F. J., 146 Machiyama, Yukiteru, 91 Malloy, Frederick W., 59 Mancia, D., 142 Manno, J., 31 Matsuzaki, M., 194 Meares, Russell, 37 Medlock, Carla E., 59 Melli, G., 142 Micheloyannis, S., 10

Milstein, Victor, 49, 59 Mineo, F., 142 Miyamoto, Keiichi, 91 Mochizuki, Y., 7, 124, 194 Moser, Hans, 177 Motreja, S., 197 Nakano, Misa, 138 Nanbu, Yuko, 170 Napolitano, Barbara, 188 Narayana Dutt, D., 197 Nicholl, J. S., 181 Nicolai, J., 101 Niedermeyer, E., 79, 163 Odabaşi, Zeki, 43 Oishi, M., 7, 124, 194 Ono, Jiro, 138 Özmenoğul, Mehmet, 1:VI Papanikolaou, E., 10 Patrick, G., 31, 67 Plahn, Marianne, 37 Potkin, S. G., 73 Ramelli, Gian Paolo, 177 Reeves, Roy R., 67, 4: IV Rice, J., 181 Sandman, C. A., 73 Sangal, JoAnne, 1 Sangal, R. Bart, 1:V, 1 Sazbon, L., 19

Schur, P. H., 128 Seiden, Jessica A., 188 Shaw, Gordon L., 109 Shibata, Nobuyoshi, 91 Shiraishi, Kimio, 96 Small, Joyce G., 49, 59 Soda, Toyoji, 96 Soylu, Cengiz, 1:VI Spencer, Donna W., 49 Stam, C. J., 10, 101 Straumanis, J. J., 31 Struve, Frederick A., 31, 67, 4: IV Subbakrishna, D. K., 197 Taber, Jesse, 106 Takahashi, Akio, 91 Takasu, T., 7, 194 Uppal, Harpreet, 16, 106 Vassella, Franco, 177 Vural, Okay, 43 Wada, Yuji, 170 Whitmont, Stephanie, 37 Willis, J. K., 181 Wu, X., 146 Yanagihara, Takehiko, 138 Yardim, Muzaffer, 43 Yu, M.X., 146

CLINICAL ELECTROENCEPHALOGRAPHY



Author and Subject Index Volume 29, 1998

Index of Authors

Abe, Kazuo, 138 Aksu, Aziz, 43 Alioğlu, Zekeriya, 1:VI Arvanitis, S., 10 Belisle, Cynthia, 1 Bettoni, L., 142 Bortone, E., 142 Bunney, Jr., W.E., 73 Buzio, S., 142 Clarke, Simon, 37 Daaboul, Yaman, 109 Devaragudi, T. S., 197 Donati, Filippo, 177 Dosen, Ana, 37 Eura, Youichi, 96 Fino, John J., 109 Fitz-Gerald, M. J., 31 Frank, Yitzchak, 188 Gangadhar, B. N., 197 Giorgi, C., 142 Glanz, B. I., 128 Glass. I., 19 Gökçil, Zeki, 43 Golay, Sara J., 59 Gordon, Evian, 37 Graf, M., 132 Groswasser, Z., 19 Harada, Hirofumi, 96

Hashimoto, Takuma, 170 Hayakawa, Y., 194 Hughes, John R., 16, 106, 109, 183 Janakiramaiah, N., 197 Jiang, Zheng-Yan, 170 Jin, Y., 73 Kalyoncu, Nuri, 1:VI Kaplan, Peter W., 120 Kato, Toshihiko, 96 Keunen, R.W.M., 101 Khoshbin, S., 128 Klapper, Marietta H., 59 Koshino, Yoshifumi, 170 Kubota, Fumio, 91 Lazzaro, Ilario, 37 Li, Waiman, 37 Lischka, A., 132 Liu, F. J., 146 Machiyama, Yukiteru, 91 Malloy, Frederick W., 59 Mancia, D., 142 Manno, J., 31 Matsuzaki, M., 194 Meares, Russell, 37 Medlock, Carla E., 59 Melli, G., 142 Micheloyannis, S., 10

Milstein, Victor, 49, 59 Mineo, F., 142 Miyamoto, Keiichi, 91 Mochizuki, Y., 7, 124, 194 Moser, Hans, 177 Motreja, S., 197 Nakano, Misa, 138 Nanbu, Yuko, 170 Napolitano, Barbara, 188 Narayana Dutt, D., 197 Nicholl, J. S., 181 Nicolai, J., 101 Niedermeyer, E., 79, 163 Odabaşi, Zeki, 43 Oishi, M., 7, 124, 194 Ono, Jiro, 138 Özmenoğul, Mehmet, 1:VI Papanikolaou, E., 10 Patrick, G., 31, 67 Plahn, Marianne, 37 Potkin, S. G., 73 Ramelli, Gian Paolo, 177 Reeves, Roy R., 67, 4: IV Rice, J., 181 Sandman, C. A., 73 Sangal, JoAnne, 1 Sangal, R. Bart, 1:V, 1 Sazbon, L., 19

Schur, P. H., 128 Seiden, Jessica A., 188 Shaw, Gordon L., 109 Shibata, Nobuyoshi, 91 Shiraishi, Kimio, 96 Small, Joyce G., 49, 59 Soda, Toyoji, 96 Soylu, Cengiz, 1:VI Spencer, Donna W., 49 Stam, C. J., 10, 101 Straumanis, J. J., 31 Struve, Frederick A., 31, 67, 4: IV Subbakrishna, D. K., 197 Taber, Jesse, 106 Takahashi, Akio, 91 Takasu, T., 7, 194 Uppal, Harpreet, 16, 106 Vassella, Franco, 177 Vural, Okay, 43 Wada, Yuji, 170 Whitmont, Stephanie, 37 Willis, J. K., 181 Wu, X., 146 Yanagihara, Takehiko, 138 Yardim, Muzaffer, 43 Yu, M.X., 146

Index of Subjects

- Absence seizures and, concomitance of childhood absence epilepsy and Rolandic epilepsy, 177-180
- -frontal lobe epilepsy, 163-169
- -frontal lobe functions, 79-90
- Age factor and, ADHD in adolescents, QEEG, 37-42
 - -characters of Chinese words, ERP, 146-152
 - —learning and attentional abnormalities, electrophysiological changes, 188-193
 - -P300 latency and age, quadratic regression, 1-6
 - -vertex sharp transient, development, 183-187

Aggression and, frontal lobe functions, 79-90

- Alpha rhythm and, coherence analysis during olfactory stimulation, 96-100
 - -Mozart effect on epileptiform activity, 109-119
- -photic driving in schizophrenics, with clozapine, 73-78
- -power spectrum values in mental arithmetic tasks, 10-15
- -QEEG in adolescent ADHD, 37-42
- -QEEG in mania, 59-66
- **Alzheimer's disease** and, CNV and regional cerebral blood flow, 124-127
 - -nonlinear EEG dynamics, 155
 - -P300, neurotransmitters in the CSF, 7-9
 - -wavelet analysis of flash visual EP, 54
- Antidepressant medication and, predictors of differential response, 153
 - -See also Drugs
- Apathy and, frontal lobe functions, 79-90
- Asymmetry, EEG, and, schizophrenia, 57
 - -See also Coherence analysis
- Atonic seizures and, frontal lobe epilepsy, 163-169
- Attention and, frontal lobe functions and dysfunctions,
 - —learning abnormalities, ERP to an oddball paradigm, function of age, 188-193
 - -See also Attention deficit hyperactivity disorder
- Attention deficit hyperactivity disorder and, ERP to an oddball paradigm, function of age, 188-193
 - -QEEG, 158
 - -QEEG in adolescents, 37-42
- Auditory evoked potential and, P300 latency and age, 1-6
- -See also Evoked potential
- Benign childhood epilepsy and, Rolandic spikes, 132-137
- Beta activity and, coherence, analysis during olfactory stimulation, 96-100
- -power spectrum values in mental arithmetic tasks, 10-15
- -QEEG in adolescent ADHD, 37-42
- -QEEG in mania, 59-66
- Bipolar disorder and, P300, manic phase and in remission, 162
 - -topographic EEG studies, 59-66
 - -See also Depression

- Blindness, cortical, and, hypercalcemia, 120-123
- Book reviews, 4:VI
- Brain death and, EEG changes during cardiac arrest, 16-18
- Brain mapping, See QEEG
- Brain tumor and, dipole tracing method, epileptic foci, 91-95
- Carbamazepine and, topographic EEG in mania, 59-66
- Cardiac arrest and, EEG changes, 16-18
- Central region and, motor function, 79-90
- Centrotemporal spikes and, concomitance of childhood absence epilepsy and Rolandic epilepsy, 177-180
- -topographical EEG analysis, 132-137
- Cerebral blood flow and, contingent negative variation, 124-127
- Cerebral infarction and, hypercalcemia with seizures, 120-123
- Chaos theory and, nonlinear dynamical analysis of PLEDs, 101-105
- Children and, absence epilepsy and Rolandic epilepsy, concomitance, 177-180
- -development of vertex sharp transient, 183-187
- -P300 latency and age, 1-6
- Chinese words and, ERP of characters, compared with tone and picture stimuli in adolescents and aged persons, 146-152
- Clozapine and, schizophrenia, EEG photic driving, 73-78 Cocaine and, abusers with HIV, EEG differences, 58
- -rest and sleep deprived EEG in abusers, 160
- -sensory gating in paranoia, 157
- Cognitive function and, bipolar disorder, P300, 162
 - -characters of Chinese words, ERP, 146-152
 - —diabetes mellitus, non-insulin-dependent, P300, 194-196
 - -frontal lobe functions and dysfunctions, 79-90
 - —interhemispheric coherence and long duration marihuana use, 31-36
 - -latency and age, P300, 1-6
 - -learning and attentional abnormalities, P300, 188-193
 - -neurotransmitters in CSF, P300, 7-9
 - -postcoma unawareness state, 19-30
 - -schizophrenia, P300, 154, 161, 162
 - -See also Dementia, Evoked potential
- Coherence analysis of EEG and, long duration marihuana use, interhemispheric, 31-36
 - -olfactory stimulation, 96-100
- —schizophrenics at rest and during photic stimulation, interhemispheric, 170-176
- Coma and, Mozart effect on epileptiform activity, 109-119
 - -postcoma unawareness state, ERP, 19-30
- —SSPE clinical and EEG features, 43-48
- Complex partial seizure and, frontal lobe epilepsy 163-169

Computerized EEG and destigmatizing effect, 156-157 -nootropic treatment, 159-160

Contingent negative variation and, regional cerebral blood flow, 124-127

Delta activity and, band heterotopia, IRDA, 138-141

- -coherence analysis during olfactory stimulation, 96-100
- -Mozart effect on epileptiform activity, 109-119
- -power spectrum values in mental arithmetic tasks.
- -QEEG in mania, 59-66
- -SLE, 128-131
- -See also Slow activity

Dementia and, CNV and regional cerebral blood flow 124-127

- -nonlinear EEG dynamics, 155
- -P300, neurotransmitters in the CSF, 7-9
- -wavelet analysis of flash visual EP, 54

Depression and, ECT doses with EEG seizure, 197-199

- -melatonin to elicit sleep EEG, 49-53

-predictors of differential response with medication, 153 Desynchronization effect and, differing mental arithmetic skills, EEG signal analysis, 10-15

Diabetes mellitus and, P300, non-insulin-dependent, 194-196

Dipole tracing method and, epileptic foci in brain tumor patient with olfactory seizures, 91-95

Drugs and, antidepressants, predictors of response, 153

- -cocaine abusers, 58, 157, 160
- -magnesium sulfate and hypercalcemia with seizures, 120-123
- -marihuana, long term use, 31-36
- -melatonin, sleep EEG induction, 49-53
- -naproxen overdose, 142-145
- -neurotransmitters in CSF, 7-9
- -nicotine, mood ratings and QEEG, 157
- -photic driving in schizophrenia, 73-66
- -topographic EEG in mania, 59-66
- -Ubiquinol, quantified pharmaco EEG, 160

Eclampsia and, hypercalcemia with seizures and blindness, 120-123

EEG reports and, principles for writing reports, 56-57 Electro-cerebral silence and, EEG changes during cardiac arrest, 16-18

Electroconvulsive therapy and, electrophysiological effects, 155-156

- -high and low doses with EEG seizures, 197-199
- -seizures, therapeutic relevance of EEG measures, 153

Electrocorticography and, dipole tracing method, epileptic foci in brain tumor patient, 91-95 Epilepsy and, concomitance of childhood absence and

Rolandic seizures, 177-180

- -dipole tracing method of foci in brain tumor patient, 91-95
- -doses with ECT, EEG seizure, 197-199

- -frontal lobe, the next frontier, 163-169
- -hypercalcemia, 120-123
- -IRDA with band heterotopia, 138-141
- -Mozart effect, 109-119
- -SSPE, 43-48
- -status epilepticus, nonconvulsive, 161
- -systemic lupus erythematosus, 128-131
- -topographical analysis of Rolandic spikes, 132-137
- -TRI-PLEDs, 106-108, 4:V

Event-related potential, See Evoked potential

Evoked potential and, bipolar and schizoaffective disorder. P300, 162

- -ERPs of characters of Chinese words, compared with tone and picture stimuli, 146-152
- -latency and age, with quadratic regression, P300, 1-6
- -learning and attentional abnormalities, P300, 188-193
- -neurotransmitters in the CSF, P300, 7-9
- -non-insulin-dependent diabetes mellitus, P300, 194-196
- -predicting outcome in schizophrenia, P300, 154
- --prolonged postcoma unawareness state, P3, 19-30
- -schizophrenia, P300, 161, 162
- -wavelet analysis, 54

Focal motor seizures and, frontal lobe epilepsy, 163-169 Frontal lobe and, cerebral blood flow, with CNV, 124-127

- -epilepsy, the next frontier, 163-169
- -functions and dysfunctions, 57-58, 79-90

Functional organization and, coherence, interhemispheric EEG in schizophrenics, during rest and photic stimulation, 170-176

-frontal lobe functions and dysfunctions, 79-90

Haloperidol and, schizophrenia, photic driving, 73-78

—topographic EEG studies in mania, 59-66

Headache and, QEEG therapy response, 158-159

Herzog, Robert H. Sr., In Memoriam, 4:111

Heterotopia, band and, intermittent rhythmic delta activitv. 138-141

HIV and, EEG differences in cocaine abusers, 58

Hydrochloric acid and, neurological findings after inhalation with sodium hypochlorite, 1:VI

Hypercalcemia and, seizures and blindness, 120-123

Hyperglycemia and, P300, treatment in non-insulindependent diabetes mellitus, 194-196

Hyperventilation and, Rolandic spikes, effect on frequencv. 181-182

-QEEG, 159

Infants and, development of vertex sharp transient, 183-187

Intermittent rhythmic delta activity and, band heterotopia, 138-141

K-complex and, development of vertex sharp transient, 183-187

Learning disabilities and, ERP to an oddball paradigm, function of age, 188-193

-See also ADHD

Lennox-Gastaut syndrome and, frontal lobe epilepsy, 163-169

Lithium and, topographic EEG studies of mania, 59-66
Lysine and, P300, neurotransmitters in the cerebrospinal fluid, 7-9

Magnesium sulfate and, hypercalcemia with seizures and blindness, 120-123

Mania and, topographic EEG studies, 59-66
—P300, 162

Marihuana and, possible EEG sequelae in subjects with very long duration use, topographic QEEG analyses, 31-36

Mathematics and, EEG signal analysis and desynchronization effect, 10-15

Melatonin and, inducting sleep EEG, 49-53

Memory and, frontal lobe functions and dysfunctions, 79-90, 163-169

-See also Cognitive function, Dementia

MHPG and, P300, neurotransmitters in the CSF, 7-9

Motor action and, frontal lobe, 79-90, 163-169

Mozart effect and, epileptiform activity, 109-119

Music and, Mozart effect on epileptiform activity, 109-119
—neurophysiological basis in spacial-temporal reason-

-musicogenic epilepsy, 55-56

Myoclonic epilepsy and, frontal lobe epilepsy, 163-169
—fulminant SSPE, 43-48

Naproxen and, overdose, with triphasic waves, 142-145 Nicotine and, QEEG, effects on mood ratings in smokers, 157

Nonlinear dynamical analysis and, PLEDs, 101-105 Norepinephrine and, P300, neurotransmitters in the cerebrospinal fluid, 7-9

Olfaction and, coherence analysis of EEG, 96-100
—seizures, dipole tracing method, foci in brain tumor

patient, 91-95

Paranoid schizophrenia and, interhemispheric EEG coherence, 170-176

-See also Schizophrenia

Periodic lateralized epileptiform discharges and, hypercalcemia, 120-123

-Mozart effect, 109-119

-nonlinear dynamical analysis, 101-105

-TRI-PLEDs, 106-108, 4:V

-SSPE, slow waves, 43-48

Photic stimulation and, driving, elicitation with eyes open and closed, 58

—driving, in schizophrenics following clozapine treatment, 73-78

—interhemispheric EEG coherence in schizophrenia, 170-176

Polysomnography and, REM latency, 157-158
Prefrontal epilepsy and, frontal lobe, the next frontier,
163-169

Primary generalized epilepsy and, frontal lobe
—See also Epilepsy

Psychiatric disorder and, ECT doses with EEG seizure, 197-199

-EEG in chaotic patients, 156

-EEG, QEEG and EP measures, 153-162

—interhemispheric EEG coherence in schizophrenics, 170-176

-melatonin to induce sleep EEG, 49-53

-photic driving following clozapine treatment, 73-78

-research with analog EEG data, 161

-slow potential interhemispheric asymmetry, 57

-topographic EEG studies of mania, 59-66

P300, See Cognitive function, Evoked potential

Quantitative EEG (QEEG) and, adolescent Attention Deficit Hyperactivity Disorder, 37-42

-ADHD and ADD, 158

 cognitive event-related potentials in prolonged postcoma unawareness state, 19-30

-hyperventilation response, 159

-mania, 59-66

-marihuana, very long duration use, 31-36

-mood ratings in cigarette smokers, 157

-Mozart effect on epileptiform activity, 109-119

-multimodality registration, 57 -prediction of headache therapy response, 158-159

 prediction of treatment outcome in psychiatric and neurological patients, 154

-Q10 coenzyme, pharmaco EEG, 160

-questionnaire for subjects undergoing research, 67-72

-statistical rigor, 1:V

Questionnaire and, QEEG, subjects undergoing research studies, 67-72

REM and, polysomnography, 157-158

-See also Sleep

Risperidone and, topographic EEG studies of mania, 59-66 Rolandic epilepsy and, concomitance with childhood absence epilepsy, 177-180

 hyperventilation, effect on frequency of spikes, 181-182

-topographical EEG analysis of spikes, 132-137

Schizophrenia and, interhemispheric EEG coherence, 170-176

-melatonin for sleep EEG, 49-53

-P300, EP, auditory, 161

-P300, predicting clinical outcome, 154, 162

-slow potential interhemispheric asymmetry, 57

-See also Psychiatric disorder

Secobarbital and, inducing sleep EEG with melatonin, 49-53

Sharp waves and, Mozart effect, 109-119

-SLE, 128-131

See also Periodic lateralized epileptiform discharges,
 Spikes

Sleep and, cocaine abusers, 160

- -development of vertex sharp transient, 183-187
- -melatonin for induction, 49-53
- -perception during brief daytime episodes, 162
- -polysomnography, 157-158

Slow activity and, band heterotopia, IRDA, 138-141

- —coherence analysis during olfactory stimulation, 96-100
- -fulminant SSPE, 43-48
- -inhalation of NaOCI and HCI, 1:VI
- -marihuana use, very long duration, 31-36
- -Mozart effect, 109-119
- -naproxen overdose, 142-145
- -photic driving in schizophrenia, 73-78
- power spectrum values in mental arithmetic tasks, 10-15
- -QEEG in adolescent ADHD, 37-42
- -QEEG in mania, 59-66
- -SLE, laterality, 128-131

Sodium hypochlorite and, neurological findings after inhalation with hydrochloric acid, 1:VI

Spike and wave discharges and, concomitance of childhood absence epilepsy and Rolandic epilepsy, 3/sec., 177-180

-frontal lobe epilepsy, 3/sec., 163-169

Spikes and, concomitance of childhood absence epilepsy and Rolandic epilepsy, 177-180

- dipole tracing method and foci in brain tumor patient with olfactory seizures, 91-95
- —frontal lobe epilepsy, the next frontier, 163-169
- -Mozart effect on epileptiform activity, 109-119
- -Rolandic, effect of hyperventilation, 181-182
- -Rolandic, topographical analysis, 132-137
- -See also Periodic lateralized epileptiform discharges

Startle epilepsy and, frontal lobe seizures, 163-169

Status epilepticus and, Mozart effect, 109-119

—nonconvulsive, progression of EEG findings, 161
Subacute sclerosing panencephalitis and, clinical and EEG features, fulminant, 43-48

Symmetry and, EEG pattern analysis, 55

- -schizophrenia, 57
- -See also Coherence analysis

Systemic lupus erythematosus and, EEG abnormalities, 128-131 Temporal dipole tracing method and, epileptic foci in brain tumor patient, 91-95

Temporal region and, Mozart effect on epileptiform activity, 109-119

- -QEEG in mania, 59-66
- -Rolandic spikes, 132-137, 177-180
- -SLE, slowing and sharp waves, 128-131

Theta activity and, coherence analysis during olfactory stimulation, 96-100

- -long duration marihuana use, 31-36
- -Mozart effect on epileptiform activity, 109-119
- -photic driving in schizophrenia, 73-78
- —power spectrum values in mental arithmetic tasks, 10-15
- -QEEG in adolescent ADHD, 37-42
- -QEEG and mania, 59-66
- -SLE, laterality, 128-131
- -See also Slow activity

Topographic mapping and, coherence analysis during olfactory stimulation, 96-100

- -EEG studies in mania, 59-66
- -Rolandic spikes, 132-137
- -schizophrenia with clozapine treatment, 73-78
- -See also QEEG

Triphasic waves and, naproxen overdose, 142-145

TRI-PLEDs and, a case report, 106-108

-letter to the Editor, 4: V

Tyrosine and, P300, neurotransmitters in the cerebrospinal fluid, 7-9

Ubiquinol and, quantified pharmaco EEG, 160

Vascular disorder and, contingent negative variation, 124-127

 vasoconstriction with hypercalcemia and seizures, 120-123

Vertex sharp transient and, development in infants and children, 183-187

Visual disturbance and, blindness, with hypercalcemia, 120-123

-fulminant SSPE, clinical and EEG features, 43-48

Visual evoked potential and, P300 latency and age, 1-6

- -wavelet analysis, 54
- -See also Evoked potential

Xenon computed tomography and, vascular dementia, CNV, 124-127

